

Please Type a plus sign (+) inside this box →



Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number		
			Filing Date		
			First Named Inventor	Michael Fred Hoge	
			Group Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	132494

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
	AA	4,789,930		Sones et al.	12-06-1988	
	AB	4,963,746		Morgan et al.	10-16-1990	
	AC	4,980,904		Sones et al.	12-25-1990	
	AD	5,241,576		Lonn	08-31-1993	
	AE	5,467,377		Dawson	11-14-1995	
	AF	5,708,691		Zmora	01-13-1998	
	AG	6,055,290		Xie et al.	04-25-2000	
	AH	6,173,029	B1	Xie et al.	01-09-2001	
	AI	RE37,536	E	Barnes	02-05-2002	
	AJ	6,359,279	B1	Gagnon et al.	03-19-2002	
	AK	6,426,992	B1	Köhler et al.	07-30-2002	
	AL	6,552,349	B2	Gagnon et al.	04-22-2003	
	AM	6,661,866	B1	Limkeman et al.	12-09-2003	
	AN					
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	FA							
	FB							
	FC							
	FD							
	FE							
	FF							
	FG							

Examiner Signature	Date Considered:
--------------------	------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See Attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WSIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.